

Please type a plus sign (+) inside this box → ☐

PTO/SB/05 (4/98)
Approved for use through 09/30/2000. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))

Attorney Docket No. OMRP 152 DIV(3)
First Inventor or Application Identifier Keiji Fukudome
Title Cloning and Regulation of an Endothelial Cell Protein
C/Activated Protein C Receptor
Express Mail Label No. EL 273 004 882 US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

1. ☒ * Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)

2. ☒ Specification [Total Pages 45]
(preferred arrangement set forth below)

- Descriptive title of the Invention
- Cross References to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to Microfiche Appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

3. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 10]

4. Oath or Declaration [Total Pages 55]

- a. ☐ Newly executed (original or copy)
- b. ☒ Copy from a prior application (37 C.F.R. § 1.63(d))
(for continuation/divisional with Box 16 completed)
 - i. ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting
inventor(s) named in the prior application,
see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).

* NOTE FOR ITEMS 1 & 13: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY
FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT
IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).

5. ☐ Microfiche Computer Program (Appendix)

6. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)

- a. ☐ Computer Readable Copy
- b. ☒ Paper Copy (identical to computer copy)
- c. ☐ Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

- 7. ☐ Assignment Papers (cover sheet & document(s))
- 8. ☐ 37 C.F.R. § 3.73(b) Statement ☒ Power of Attorney
(when there is an assignee)
- 9. ☐ English Translation Document (if applicable)
- 10. ☒ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
- 11. ☒ Preliminary Amendment
- 12. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
- 13. ☐ * Small Entity Statement filed in prior application,
Statement(s) Status still proper and desired
(PTO/SB/09-12)
- 14. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
- 15. ☐ Other:

16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

☐ Continuation ☒ Divisional ☐ Continuation-in-part (CIP) of prior application No: 09,182,616
Prior application information: Examiner S. Gucker Group / Art Unit: 1636

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label

(Insert Customer No. or Attach bar code label here)

or ☒ Correspondence address below

| | | | | | |
|---------|------------------------------|-----------|----------------|----------|----------------|
| Name | Patrea L. Pabst | | | | |
| | Arnall Golden & Gregory, LLP | | | | |
| Address | 2800 One Atlantic Center | | | | |
| | 1201 West Peachtree Street | | | | |
| City | Atlanta | State | GA | Zip Code | 30309-3450 |
| Country | United States | Telephone | (404) 873-8794 | Fax | (404) 873-8795 |

| | | | |
|-------------------|-----------------|-----------------------------------|----------|
| Name (Print/Type) | Patrea L. Pabst | Registration No. (Attorney/Agent) | 31,284 |
| Signature | | Date | 08/20/99 |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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FEE TRANSMITTAL for FY 1999

Patent fees are subject to annual revision.

Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12.

TOTAL AMOUNT OF PAYMENT (\$ 838.00)

Complete if Known

| | |
|----------------------|------------------|
| Application Number | Not Yet Assigned |
| Filing Date | August 20, 1999 |
| First Named Inventor | Keiji Fukodome |
| Examiner Name | Not Yet Assigned |
| Group / Art Unit | Not Yet Assigned |
| Attorney Docket No. | OMRF 152 DIV(3) |

METHOD OF PAYMENT (check one)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number 01-2507
Deposit Account Name Arnall Golden & Gregory, LLP

- ☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

2. ☒ Payment Enclosed:

☒ Check ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description | Fee Paid |
|----------------------------|----------------------------|------------------------|----------|
| 101 760 | 201 380 | Utility filing fee | 760.00 |
| 106 310 | 206 155 | Design filing fee | |
| 107 480 | 207 240 | Plant filing fee | |
| 108 760 | 208 380 | Reissue filing fee | |
| 114 150 | 214 75 | Provisional filing fee | |

SUBTOTAL (1) (\$ 760.00)

2. EXTRA CLAIM FEES

| Total Claims | Extra Claims | Fee from below | Fee Paid |
|--------------|--------------|----------------|----------|
| 5 | -20 = 0 | 0 | 0.00 |
| 4 | -3 = 0 | 78.00 | 78.00 |
| | | | 0.00 |

Large Entity Small Entity

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description |
|----------------------------|----------------------------|--|
| 103 18 | 203 9 | Claims in excess of 20 |
| 102 78 | 202 39 | Independent claims in excess of 3 |
| 104 260 | 204 130 | Multiple dependent claim, if not paid |
| 109 78 | 209 39 | ** Reissue independent claims over original patent |
| 110 18 | 210 9 | ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$ 78.00)

FEE CALCULATION (continued)

3. ADDITIONAL FEES

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description | Fee Paid |
|----------------------------|----------------------------|--|----------|
| 105 130 | 205 65 | Surcharge - late filing fee or oath | |
| 127 50 | 227 25 | Surcharge - late provisional filing fee or cover sheet | |
| 139 130 | 139 130 | Non-English specification | |
| 147 2,520 | 147 2,520 | For filing a request for reexamination | |
| 112 920* | 112 920* | Requesting publication of SIR prior to Examiner action | |
| 113 1,840* | 113 1,840* | Requesting publication of SIR after Examiner action | |
| 115 110 | 215 55 | Extension for reply within first month | |
| 116 380 | 216 190 | Extension for reply within second month | |
| 117 870 | 217 435 | Extension for reply within third month | |
| 118 1,360 | 218 680 | Extension for reply within fourth month | |
| 128 1,850 | 228 925 | Extension for reply within fifth month | |
| 119 300 | 219 150 | Notice of Appeal | |
| 120 300 | 220 150 | Filing a brief in support of an appeal | |
| 121 260 | 221 130 | Request for oral hearing | |
| 138 1,510 | 138 1,510 | Petition to institute a public use proceeding | |
| 140 110 | 240 55 | Petition to revive - unavoidable | |
| 141 1,210 | 241 605 | Petition to revive - unintentional | |
| 142 1,210 | 242 605 | Utility issue fee (or reissue) | |
| 143 430 | 243 215 | Design issue fee | |
| 144 580 | 244 290 | Plant issue fee | |
| 122 130 | 122 130 | Petitions to the Commissioner | |
| 123 50 | 123 50 | Petitions related to provisional applications | |
| 126 240 | 126 240 | Submission of Information Disclosure Stmt | |
| 581 40 | 581 40 | Recording each patent assignment per property (times number of properties) | |
| 146 760 | 246 380 | Filing a submission after final rejection (37 CFR 1.129(a)) | |
| 149 760 | 249 380 | For each additional invention to be examined (37 CFR 1.129(b)) | |

Other fee (specify) _____

**Represents the difference between the fee for a ☐ month extension of time and a ☐ month extension of time.

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 0.00)

SUBMITTED BY

Typed or Printed Name Patrea L. PabstSignature [Signature]Date 08/20/99

Complete (if applicable)

Reg. Number 31,284Deposit Account User ID 01-2507

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Kenji Fukudome and Charles T. Esmon

Serial No.: Divisional of
U.S.S.N. 09/182,616

Express Mail Label No.
EL 273 004 882 US

Date of Deposit: August 20, 1999

Filed: August 20, 1999

For: *CLONING AND REGULATION OF AN ENDOTHELIAL CELL PROTEIN
C/ACTIVATED PROTEIN C RECEPTOR*

BOX PATENT APPLICATION
Assistant Commissioner for Patents
Washington, D.C. 20231

REQUEST FOR FILING A DIVISIONAL APPLICATION
UNDER 37 C.F.R. § 1.53(b)

Sir:

This is a request for filing a Divisional application under 37 C.F.R. § 1.53(b) of pending prior application U.S. Serial No. 09/182,616, filed on October 29, 1998, which is a Divisional of U. S. Serial No. 08/878, 283, filed on June 18, 1997, now U.S. Patent No. 5,852,171, which is a Divisional of U. S. Serial No. 08/289,699, filed on August 12, 1994, now U. S. Patent No. 5,695,993, by Kenji Fukudome and Charles T. Esmon entitled "*Cloning and Regulation of an Endothelial Cell Protein C/Activated Protein C Receptor*".

Enclosed is a copy of the prior application, including the unexecuted Declaration and Power of Attorney as originally filed, 1 page of Abstract, 36 pages of Specification, 3 pages of Claims, 5



pages of Sequence Listing, and 6 sheets of Informal Drawings. Also enclosed is a copy of the executed Declaration and 10 sheets of Formal Drawings.

I hereby verify that the attached papers are a true copy of what is shown in my records to be the above-identified prior application, including the oath or declaration as originally filed.

A copy of the Power of Attorney by Assignee of Entire Interest and Revocation of Prior Powers is enclosed. Also enclosed is an Associate Power of Attorney under 37 C.F.R. § 1.34.

The inventorship for all the claims in this application is the same.

The Power of Attorney in the prior applications is to Patrea L. Pabst. The Power appears in the original papers in the prior applications.

A Preliminary Amendment is enclosed. Please use the same sequence listing as filed in the parent application.

Pursuant to 37 C.F.R. §1.56 and 37 C.F.R. §1.97, Applicants submit an Information Disclosure Statement, including fourteen (14) pages of Form PTO-1449. The documents cited below were cited by or submitted to the Patent Office in Application Serial No. 08/878,283, filed June 18, 1997 or in Application Serial No. 09/182,616, to which the present application claims priority. Pursuant to 37 C.F.R. §1.98(d), Applicants are not enclosing copies of these publications. Copies will be provided upon request, however.

A check in the amount of \$838.00 is enclosed to cover the filing fee. The filing fee has been calculated on the basis of the claims remaining after entry of the attached Preliminary Amendment.

Divisional of U.S.S.N. 09/182,616
Filed: August 12, 1999
REQUEST FOR FILING A DIVISIONAL
APPLICATION UNDER 37 C.F.R. §1.53(b)
Express Mail Label No.: EL 273 004 882 US

It is believed that this is the proper filing fee since the application will include 4 independent claims and a total of 5 claims after entry of the Preliminary Amendment.

The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Deposit Account No. 01-2507. A duplicate copy of this request is enclosed.

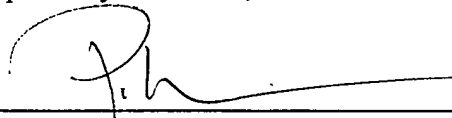
This application is being filed on August 20, 1999, by mailing the application to Assistant Commissioner of Patents and Trademarks, Washington, DC 20231 via the United States Postal Service "Express Mail Post Office to Addressee" Service under 37 C.F.R. § 1.10. The Express Mail Label No. EL 273 004 882 US appears in the heading of this paper which is attached to the application papers pursuant to 37 C.F.R. §1.10(b).

I hereby declare further that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are

Divisional of U.S.S.N. 09/182,616
Filed: August 12, 1999
REQUEST FOR FILING A DIVISIONAL
APPLICATION UNDER 37 C.F.R. §1.53(b)
Express Mail Label No.: EI 273 004 882 US

punishable by fine or imprisonment or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Respectfully submitted,

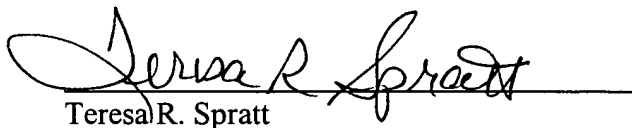


Patrea L. Pabst
Reg. No. 31,284

Date: August 20, 1999
ARNALL GOLDEN & GREGORY, LLP
2800 One Atlantic Center
1201 West Peachtree Street
Atlanta, Georgia 30309-3450
(404) 873-8794
(404) 873-8795 (fax)

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.10

I hereby certify that this REQUEST FOR FILING A DIVISIONAL APPLICATION and any documents referred to as attached therein are being deposited with the United States Postal Service on this date, August 20, 1999, in an envelope as "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10, Mailing Label Number EL 273 004 882 US, addressed to BOX PATENT APPLICATION, Assistant Commissioner for Patents, Washington, D.C. 20231.


Teresa R. Spratt

Date: August 20, 1999

OMRF 152 DIV(3)
20487/242

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